Amendments to the Claims:

1-14 (Cancelled)

15. (Currently Amended) An apparatus for a dry end of a papermaking machine having a dryer for drying a paper web, the apparatus comprising:

a rotatable reel spool for winding the paper web thereon so as to form a paper roll, the reel spool being located downstream of the dryer;

a rotatable reel drum ~~having a radius and being~~ mounted adjacent the reel spool so as to form a nip with the paper roll wound on the reel spool, the paper web being supported and guided onto the paper roll by the reel drum; and

a calendering belt ~~having a tension and~~ stretched between at least a pair of spaced-apart guide rolls so as to form a free span of the calendering belt therebetween, the free span forming a calendering nip with the reel drum for calendering the paper web, the paper web passing through the calendering nip prior to being wound onto the paper roll.

16. (Cancelled)

17. (Currently Amended) The apparatus of claim ~~16,~~ 15, wherein at least one of the reel drum, reel spool, and guide rolls is rotatably motor-driven.

18-40 (Cancelled)

41. (Currently Amended) The apparatus of claim ~~16,~~ 15, wherein at least one of the reel drum, the calendering belt, and the guide rolls is configured so as to allow ~~the~~ a tension in the calendering belt to be controlled to thereby provide a linear load in the calendering nip proportional to a ratio between the tension in the calendering belt and ~~the~~ a radius of the reel drum.

42. (Currently Amended) A method of winding a paper web on a reel spool disposed downstream of a dryer for drying the paper web in a dry end of a papermaking machine, the method comprising:

directing the paper web through a calendering nip formed between ~~a rotatable reel drum, disposed adjacent the reel spool and having a radius, and~~ a free span of a calendering belt, stretched between at least a pair of spaced-apart guide rolls, and a rotatable reel drum engaging the free span between the guide rolls and disposed adjacent the reel spool, ~~and having a tension,~~ so as to calender the paper web; and

directing the paper web through a nip formed between the reel drum and a paper roll formed by winding the paper web on the reel spool such that the reel drum supports and guides the paper web onto the paper roll.

43. (Previously Presented) The method of claim 42, further comprising rotatably driving at least one of the reel drum, reel spool, and guide rolls with a motor.

44. (Currently Amended) The method of claim 42, further comprising controlling ~~the~~ a tension in the calendering belt with at least one of the reel drum, the calendering belt, and the guide rolls so as to provide a linear load in the calendering nip proportional to a ratio between the tension in the calendering belt and ~~the~~ a radius of the reel drum.

45. (Currently Amended) An apparatus for a dry end of a papermaking machine having a dryer for drying a paper web, the apparatus comprising:

a rotatable reel spool for winding the paper web thereon so as to form a paper roll, ~~having a radius,~~ the reel spool being located downstream of the dryer; and

a calendering belt having a ~~tension and~~ free span forming a calendering nip with the paper roll wound on the reel spool, the calendering belt having a controllable tension for providing a linear load in the calendering nip, the paper web thereby being calendered, supported, and guided onto the paper roll by the calendering belt.

46. (Previously Presented) The apparatus of claim 45, wherein the calendering belt is stretched between at least a pair of spaced-apart guide rolls.

47. (Previously Presented) The apparatus of claim 46, wherein at least one of the reel spool and guide rolls is rotatably motor-driven.

48. (Currently Amended) The apparatus of claim 46, wherein at least one of the reel spool, the calendering belt, and the guide rolls is configured so as to allow the tension in the calendering belt to be controlled to thereby provide a linear load in the nip proportional to a ratio between the tension in the calendering belt and ~~the~~ a radius of the paper roll.

49. (Currently Amended) A method of winding a paper web on a reel spool disposed downstream of a dryer for drying the paper web in a dry end of a papermaking machine, the method comprising:

directing the paper web through a calendering nip formed between a paper roll, ~~having a radius and~~ formed by winding the paper web on a rotatable reel spool, and a free span of a calendering belt, stretched between at least a pair of spaced-apart guide rolls, ~~and having a tension,~~ the calendering belt having a controllable tension for providing a linear load in the calendering nip so as to calender and support the paper web, and to guide the paper web onto the paper roll.

50. (Previously Presented) The method of claim 49, further comprising rotatably driving at least one of the reel spool and guide rolls with a motor.

51. (Currently Amended) The method of claim 49, further comprising controlling the tension in the calendering belt with at least one of the reel spool, the calendering belt, and the guide rolls so as to provide a linear load in the calendering nip proportional to a ratio between the tension in the calendering belt and ~~the~~ a radius of the paper roll.